

## APPLICATION DATA SHEET

### APPLICATION INFORMATION

Application Type:: REGULAR  
Subject Matter:: UTILITY  
CD-ROM or CD-R?:: NONE  
Title:: ADSORPTION HEAT PUMP AND USE  
OF ADSORBENT AS ADSORBENT FOR  
ADSOPTION HEAT PUMP  
Attorney Docket Number:: 241676US0XCONT  
Total Drawing Sheets:: 12

### INVENTOR INFORMATION

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Hiroyuki  
Family Name:: KAKIUCHI  
City of Residence:: Yokkaichi-shi, Mie  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Mitsubishi Chemical Group Science &  
Tech. Res. Ctr., Inc., 1, Toho-cho,  
Yokkaichi-shi, Mie  
City of Mailing Address:: Yokkaichi-shi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 510-8530

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Takahiko  
Family Name:: TAKEWAKI  
City of Residence:: Yokohama-shi, Kanagawa  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Mitsubishi Chemical Group Sci. & Tech. Res. Ctr., Inc., 1000, Kamoshida-cho, Aoba-ku  
City of Mailing Address:: Yokohama-shi, Kanagawa  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 227-8502

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Masaru  
Family Name:: FUJII  
City of Residence:: Fukuoka  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Mitsubishi Chem. Group Sci. & Tech. Res. Ctr., Inc., 1-1, Kurosakishiroishi, Yahatanishi-ku  
City of Mailing Address:: Kitakyushu-shi, Fukuoka  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 806-0004

Applicant Authority Type::	INVENTOR
Primary Citizenship Country::	Japan
Status::	FULL CAPACITY
Given Name::	Masanori
Family Name::	YAMAZAKI
City of Residence::	Yokohama-shi, Kanagawa
Country of Residence::	Japan
Street of Mailing Address::	c/o Mitsubishi Chemical Group Sci. & Tech. Res. Ctr., Inc., 1000, Kamoshida-cho, Aoba-ku
City of Mailing Address::	Yokohama-shi, Kanagawa
Country of Mailing Address::	Japan
Postal or Zip Code of Mailing Address::	227-8502
Applicant Authority Type::	INVENTOR
Primary Citizenship Country::	Japan
Status::	FULL CAPACITY
Given Name::	Hideaki
Family Name::	TAKUMI
City of Residence::	Yokohama-shi, Kanagawa
Country of Residence::	Japan
Street of Mailing Address::	c/o Mitsubishi Chemical Group Sci. & Tech. Res. Ctr., Inc., 1000, Kamoshida-cho, Aoba-ku
City of Mailing Address::	Yokohama-shi, Kanagawa
Country of Mailing Address::	Japan
Postal or Zip Code of Mailing Address::	227-8502

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Hiromu  
Family Name:: WATANABE  
City of Residence:: Yokohama-shi, Kanagawa  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Mitsubishi Chemical Group Sci. & Tech. Res. Ctr., Inc., 1000, Kamoshida-cho, Aoba-ku  
City of Mailing Address:: Yokohama-shi, Kanagawa  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 227-8502

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Kouji  
Family Name:: INAGAKI  
City of Residence:: Aichi  
Country of Residence:: Japan  
Street of Mailing Address:: 3-104-1103, Kitamachi, Toyota-shi, Aichi  
City of Mailing Address:: Toyota-shi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 471-0027

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Atsushi  
Family Name:: KOSAKA  
City of Residence:: Aichi  
Country of Residence:: Japan  
Street of Mailing Address:: 35-7, Ueji 3-chome, Okazaki-shi, Aichi  
City of Mailing Address:: Okazaki-shi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 444-0823

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Seiji  
Family Name:: INOUE  
City of Residence:: Aichi  
Country of Residence:: Japan  
Street of Mailing Address:: 58-4-302, Kegachi, Yokoyamacho, Anjo-shi, Aichi  
City of Mailing Address:: Anjo-shi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 446-0045

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: Japan  
Status:: FULL CAPACITY  
Given Name:: Satoshi  
Family Name:: INOUE  
City of Residence:: Aichi  
Country of Residence:: Japan  
Street of Mailing Address:: 35-3-301, Minamiogute, Hajoudomachi, Kariya-shi, Aichi  
City of Mailing Address:: Kariya-shi  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 448-0804

#### CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22850

#### REPRESENTATIVE INFORMATION

Representative Customer Number:: 22850

#### DOMESTIC PRIORITY INFORMATION

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Continuation of	PCT/JP02/01496	02/20/02

#### FOREIGN PRIORITY INFORMATION

Application Number:	Country::	Filing Date::	Priority Claimed::

2001-045677	Japan	02/21/01	YES
2001-111902	Japan	04/10/01	YES
2001-191893	Japan	06/25/01	YES
2001-293990	Japan	09/26/01	YES
2001-382029	Japan	12/14/01	YES

#### ASSIGNMENT INFORMATION

Assignee Name::

MITSUBISHI CHEMICAL  
CORPORATION

Street of Mailing Address::

5-2, Marunouchi 2-chome, Chiyoda-ku

City of Mailing Address::

Tokyo

Country of Mailing Address::

Japan

Postal or Zip Code of Mailing Address::

100-0005

Assignee Name::

DENSO CORPORATION

Street of Mailing Address::

1, Showa-cho 1-chome

City of Mailing Address::

Kariya-shi,

State or Province of Mailing Address::

Aichi

Country of Mailing Address::

Japan

Postal or Zip Code of Mailing Address::

448-8661